

## Lab 6 Report: Adam Fenjiro, CS3425

### 1. Activity.html

1. URL: <https://classdb.it.mtu.edu/~afenjiro/activity.html>
2. Screenshot:

The screenshot shows two versions of the 'Activity.html' form side-by-side. The left form is titled 'Please fill up to 5 activities' and contains a single input field labeled 'Activity #1' with an 'Add New' button below it. The right form is also titled 'Please fill up to 5 activities' but contains five input fields labeled 'Activity #1' through 'Activity #5', each with a value ('Act1' through 'Act5') and an 'Add New' button at the bottom. Below these forms is a dark grey alert box with the text 'classdb.it.mtu.edu says Sorry, can not add more activities' and an 'OK' button.

3. Source Code:

```
<!DOCTYPE html>
<html>

<head>
  <title>Activity Page</title>
  <script>
    function create() {
      var inputCount =
document.getElementById("div1").getElementsTagName("input").length;

      // Check if the number of inputs is already 5
      if (inputCount == 5) {
        alert("Sorry, can not add more activities");
        return;
      }
      inputCount++;

      var label = document.createElement("label");
      label.innerHTML = "Activity #" + inputCount;
```

```
        var input = document.createElement("input");
        input.setAttribute("type", "text");

        var br = document.createElement("br");

        document.getElementById("div1").appendChild(label);
        document.getElementById("div1").appendChild(input);
        document.getElementById("div1").appendChild(br);
    }
</script>
</head>

<body>
    <p>Please fill up to 5 activities</p>
    <div id="div1">
        <script>
            create();
        </script>
    </div>
    <button onclick="create()">Add New</button>
</body>

</html>
```

## 2. SQLite

### 2.1 Use command line interface sqlite3

```
[afenjiro@colossus ~]$ sqlite3 account.db
SQLite version 3.26.0 2018-12-01 12:34:55
Enter ".help" for usage hints.
sqlite> CREATE TABLE lab5_account (
...>   account_number CHAR(10) PRIMARY KEY,
...>   balance DOUBLE NOT NULL
...> );
sqlite> .schema lab5_account
CREATE TABLE lab5_account (
  account_number CHAR(10) PRIMARY KEY,
  balance DOUBLE NOT NULL
);
sqlite> INSERT INTO lab5_account VALUES ('A001', 100);
sqlite> INSERT INTO lab5_account VALUES ('B001', 999);
sqlite> INSERT INTO lab5_account VALUES ('C001', 99.99);
sqlite> SELECT * FROM lab5_account;
A001|100.0
B001|999.0
C001|99.99
sqlite> .exit
[afenjiro@colossus ~]$
```

### 2.2 Write a PHP code to display the data in the account table in the SQLite file.

```
<?php
$myPDO = new
PDO('sqlite:/local/my_web_files/afenjiro/classdb/account.db');
$result = $myPDO->query("SELECT * FROM lab5_account");

foreach ($result as $row) {
    echo $row['account_number'] . " " . $row['balance'] . "<br>";
}
?>
```